QG_410NL_e.fm Page 1 Thursday, March 20, 2003 6:35 PM

Panasonic

Digital Cordless Phone

Model No. **KX-TCD410NL**

Quick Guide

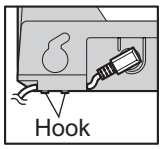
The guide is provided to allow a quick set-up of the basic features and operations of this phone. Please read the Operating Instructions for further details.

Setting Up

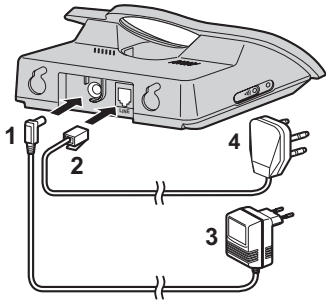
Connection

Do not connect the telephone line cord to the phone socket **4** until the handset is fully charged.

Plug in the AC adaptor and the telephone line cord in order **1**, **2**, **3**.



Fasten the AC adaptor cord to prevent it from being disconnected.



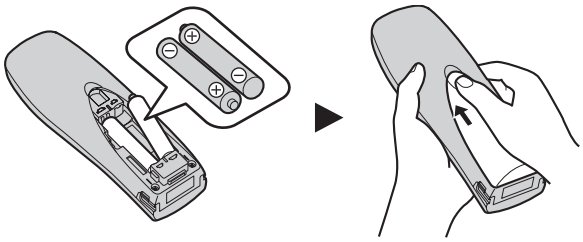
The AC adaptor must remain connected at all times (It is normal for the adaptor to feel warm during use).

- Never install telephone wiring during a lightning storm.

Battery Installation

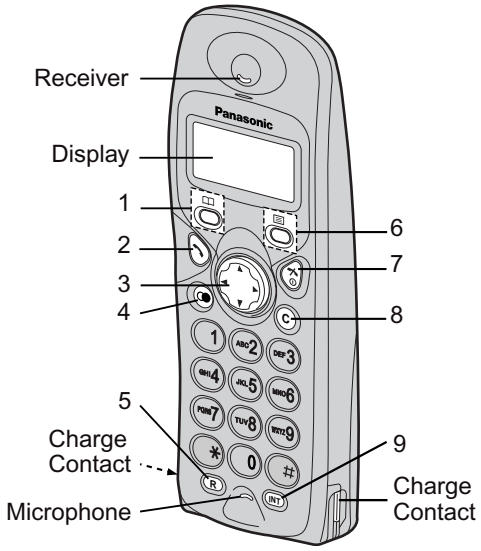
Please ensure the batteries are inserted as shown. ⊖ part should be inserted first. Close the cover as indicated by the arrow.

- When you replace the batteries, ⊕ part should be removed first.



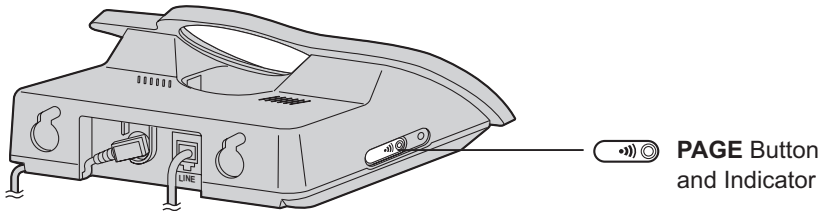
Location of Controls

Handset



1 - : **PHONEBOOK** Button
2 - **TALK** Button
3 - Navigator Key (p.6)
4 - **REDIAL/PAUSE** Button
5 - **RECALL** Button
6 - : **MENU/OK** Button
7 - **OFF/POWER** Button
8 - **CLEAR** Button
9 - **INTERCOM** Button

Base Unit



PAGE Button and Indicator

Handset Display

- Within range of a base unit
- Out of range/No registration /No power on base unit
- Paging or using the handset
- Making or answering calls
- Phonebook Mode
- In Setting Mode
- Battery strength is low.
- Battery strength is high.
- Call BAR ON
- Direct Call ON
- Key Lock ON
- Ringer Volume OFF
- Dialling Pause

Your Guide to the Display

Note: The LCD display of the handset can display up to 14 segments and each character will be displayed as shown in the following table. The LCD descriptions listed below are displays that do not show the correct letter form or are abbreviated descriptions. The meanings of these displays have been added for your reference.

Character Table

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y

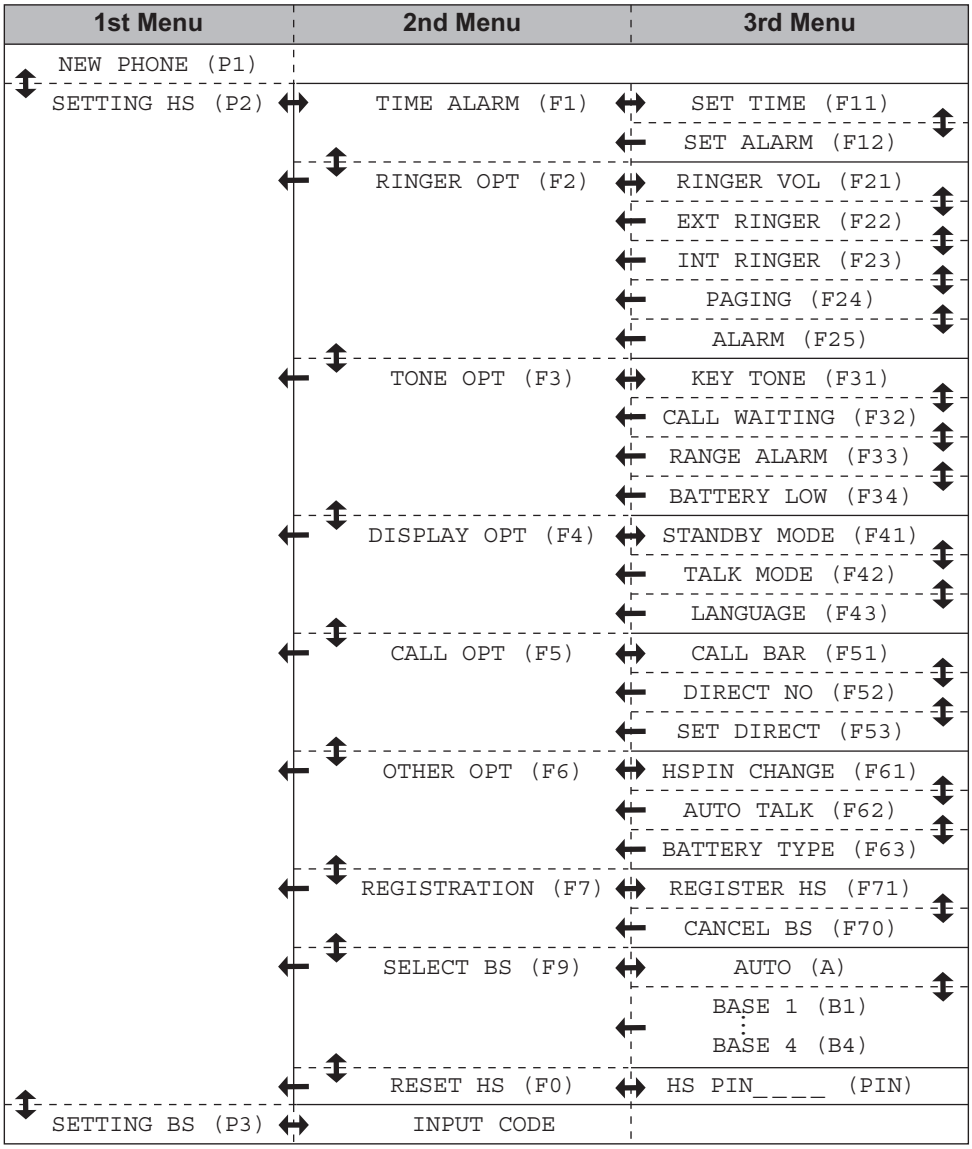
Z	1	2	3	4	5	6	7	8	9	*	0	#	-	/	[	]	,	o
Z	1	2	3	4	5	6	7	8	9	*	0	#	-	/	[	]	,	o

Example

Display Message	Display Meaning	Display Message	Display Meaning
AUTO TALK	Automatic Talk	NI-CD	Ni-Cd
BATTERY LOW	Battery Low	NI-MH	Ni-MH
BATTERY TYPE	Battery Type	OTHER OPT	Other Option
BS NO	Base Number	PHONE NO	Phone Number
BS PIN ----	Base Unit PIN	RANGE ALARM	Range Alarm
CALL OPT	Call Option	REGISTER HS	Register Handset
CALL WAITING	Call Waiting	RINGER OPT	Ringer Option
DIRECT NO	Direct Number	RINGER VOL	Ringer Volume
DISPLAY OPT	Display Option	RESET HS	Reset Handset
EDIT CALL NO	Edit a Call Number	SELECT BS	Select Base
EXT RINGER	External Ringer	SET ALARM	Set Alarm
HS NO	Handset Number	SET TIME	Set Time
HS PIN ----	Handset PIN	SETTING BS	Setting Base
HSPIN CHANGE	Change Handset PIN	SETTING HS	Setting Handset
HOT KEY REG	Register Hot Key	STANDBY MODE	Standby Mode
INT RINGER	Internal Ringer	TALK MODE	Talk Mode
KEY TONE	Key Tone	TALK TIME	Talk Time
MEMORY FULL	Memory Full	TIME ALARM	Time Alarm
NEW PIN ----	New PIN	TONE OPT	Tone Option

Set-up Menu for Handset

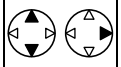
The followings are handset setting menu structure. To search the desired item, press **UP** or **DOWN**. To select the desired item, press **RIGHT**.
After the selection for one of the items in the 3rd menu, please follow as directed on particular page. The letters in this structure are different from the actual display on the handset. To enter the first menu, press (MENU).



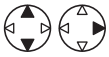
Operations

Function	Action
Power On/Off	Press and hold for more than 1 second. (2 seconds to power off).
Making a call	Press ➧ dial the number.
Answering a call	Press .
Hang up	Press .
Key Lock On/Off	Press and hold for more than 2 seconds.
Dialling the last number dialled	Press ➧ .
Dialling with the Redial List	Press ➧ to select a number ➧ .
Storing a caller information	Press ➧ ➧ enter phone number ➧ ➧ enter name ➧ .
Dialling with Phonebook	Press ➧ to select a number ➧ .
Receiver volume	Press during a call.
Calling Back	Press to select a number ➧ .

Symbols Used in This Operating Instructions

Symbol	Meaning
	To search the desired item, press **UP** or **DOWN**.
	To select the desired item, press **RIGHT**.
	To search and then to select the desired item, press **UP** or **DOWN** then **RIGHT**.
	To move the cursor to the right or to the left, press **RIGHT** or **LEFT**.
➧	To go to the next step.
" "	The words in " " indicate the words in display.

Base Unit Settings

1 Press **MENU**. ***2***  Search/Select "SETTING BS". ➧ "INPUT CODE"

<Direct command>

(1) ➧ 4-digit Base Unit PIN ➧ (1)	Setting the All Handsets Mode (p. 32)
(1) ➧ 4-digit Base Unit PIN ➧ (2)	Setting the Selected Handsets Mode (p. 32)
(1) ➧ 4-digit Base Unit PIN ➧ (3)	Setting the Selected then All Handsets Mode (p. 32)
(3) ➧ 4-digit Base Unit PIN ➧ (2)	Selecting Flash Timing (p. 25)
(3) ➧ 4-digit Base Unit PIN ➧ (3)	Pause Timing (p. 25)
(5)	Changing Base Unit PIN (p. 24)
(6)	Call Restriction (p. 24)
(7)	Cancelling a Handset (p. 31)
(9) ➧ 4-digit Base Unit PIN ➧ (1)	Automaic Route Selection (p. 26, 27)
(0)	Reset Base Unit Settings (p. 29)
(*)	Setting the Clock/Date (p. 9)

TCD410NL_E.book Page 1 Thursday, March 20, 2003 5:55 PM

Panasonic

Digital Cordless Phone

Operating Instructions

Model No. **KX-TCD410NL**

Preparation

Cordless Telephone

Useful Information

Contents

Preparation
- Before Initial Use 2
- Important Information 3
- Setting up 4

Cordless Telephone
- Using the Telephone 9
- Making Calls 10
- Caller ID 11
- Answering Calls 13
- Phonebook 14
- Handset Settings 18
- Base Unit Settings 24
- Initial Settings 28
- Multi-unit User Operation 30
- Intercom 34

Useful Information
- Before Requesting Help 35
- Technical Information 37
- Guarantee 38
- Index 39

Caller ID Compatible

PLEASE READ BEFORE USE AND SAVE.

Charge the battery for about 7 hours before initial use.

Before Initial Use

Thank you for purchasing your new Panasonic digital cordless telephone.

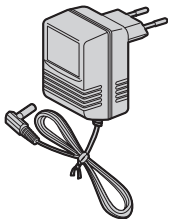
Dear purchaser,
You have acquired a KX-TCD410NL, which is a product made in regard with the European Standards for Cordless Telephones (DECT). DECT technology is characterized by high-security protection against interceptions as well as high-quality digital transmission. This telephone was designed for a wide range of applications. For example, this telephone can be used within a network of base units and handsets, constituting a telephone system which:

- operates up to 6 handsets at one base unit.
- allows an intercom between 2 handsets.
- allows the operation of a handset at up to 4 base units, expanding the communication radio area.

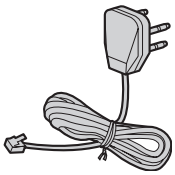
Caller ID Service, where available, is a telephone company service. After subscribing to Caller ID, this phone will display the caller's phone number.

Accessories (included)

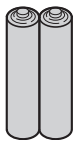
☐ AC Adaptor PQLV19CE



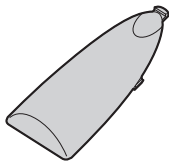
☐ Telephone Line Cord



☐ Rechargeable Batteries (AAA size) HHR-4EPT/BA2 (P03P)



☐ Battery Cover



Additional accessories are available for purchase. Contact your Panasonic Service Centre for further details. 070-3314500

TCD410NL_E.book Page 3 Thursday, March 20, 2003 5:55 PM

Only use the power supply included with the product.
Do not connect the AC Adaptor to any AC outlet other than the standard AC230V.
The apparatus is approved for use with PQLV19CE power supply.
This apparatus is unable to make emergency telephone calls under the following conditions:

- The portable handset batteries need recharging, or have failed.
- During a mains power failure.
- When the Key Lock is set to ON.
- When the unit is in Direct Call mode.

Do not open the base unit or handset (other than to change the batteries).
This apparatus should not be used near emergency/intensive care medical equipment and should not be used by people with pacemakers.
Care should be taken that objects do not fall onto, and liquids are not spilled into the unit. Do not subject this unit to excessive smoke, dust, mechanical vibration or shock.

Environment

Do not use this unit near water.
This unit should be kept away from heat sources such as radiators, cookers, etc. It should also not be placed in rooms where the temperature is less than 5°C or greater than 40°C.
The AC Adaptor is used as the main disconnect device, ensure that the AC outlet is located / installed near the unit and is accessible.

WARNING:
TO PREVENT THE RISK OF ELECTRICAL SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR ANY OTHER TYPE OF MOISTURE.

Battery Caution

Use only specified batteries.
Only use rechargeable batteries.
Do not mix old and new batteries.
Do not dispose of batteries in a fire, they may explode.
Check local waste management codes for special disposal instructions.
Do not open or mutilate the batteries.
Released electrolyte is corrosive and may cause burns or injury to the eyes or skin.
The electrolyte may be toxic if swallowed.
Exercise care in handling the batteries in order not to short the batteries with conductive materials such as rings, bracelets and keys.
The batteries and/or conductor may overheat and cause burns.
Charge the batteries provided in accordance with the information given in this operating guide.
Batteries are supplied with this product. When they are empty, you should no throw them away. Instead, hand them in as small chemical waste.

Location

- For maximum distance noise-free operation, place your base unit:
- Away from electrical appliances such as TV, radio, personal computer or another phone.
- In a convenient high and central location.

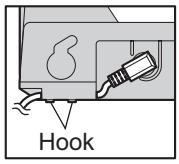
Safety Caution

The ringer tone is reproduced through the earpiece. To avoid damage to hearing, first answer the call, then hold the phone to the ear.

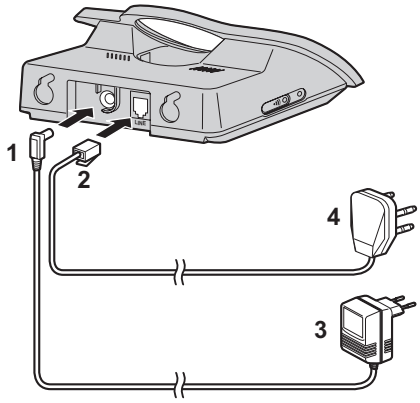
Setting up

Connection

Plug in the AC adaptor and the telephone line cord in order **1**, **2**, **3**, **4**.



Fasten the AC adaptor cord to prevent it from being disconnected.



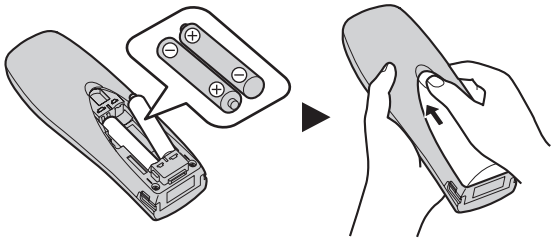
The AC adaptor must remain connected at all times (It is normal for the adaptor to feel warm during use).

- Never install telephone wiring during a lightning storm.

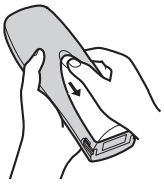
Battery Installation

Please ensure the batteries are inserted as shown. ⊖ part should be inserted first. Close the cover as indicated by the arrow.

- When you replace the batteries, ⊕ part should be removed first.



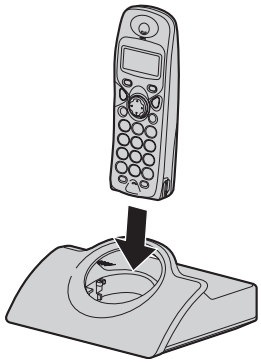
To replace the battery:
Press the notch on the cover firmly and slide it as indicated by the arrow. Replace 2 batteries and close the cover then charge the handset for about 7 hours.



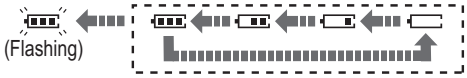
TCD410NL_E.book Page 5 Thursday, March 20, 2003 5:55 PM

Battery Charge

At the time of shipment, the batteries are not charged. To charge, place the handset on the base unit. **Please charge the batteries for about 7 hours before initial use.** During charging, the battery icon is as shown below.



Fully charged **During charging**



Display icon	Battery strength
	High
	Medium
	Low
	Needs to be charged

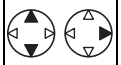
The handset which power is off will be turned on automatically when it is placed on the base unit.
In normal use, the handset and the base unit should be powered on at all times.

Battery Life

Battery life is dependent on use and conditions but in general when using fully charged Ni-MH batteries (700 mAh):
Talk time: 10hrs approx.
Standby time: 120hrs approx.
When using Ni-Cd batteries (250 mAh):
Talk time: 4hrs approx.
Standby time: 40hrs approx.
(Times indicated are for peak performance)
The batteries reach peak performance after several full charge/discharge cycles.
The batteries cannot be overcharged unless they are repeatedly removed and replaced.
If battery life is shortened then please check that battery and charge terminals are clean.
For maximum battery life, it is recommended that the handset is not recharged until battery icon flashes .

Setting up

Symbols Used in This Operating Instructions

Symbol	Meaning
	To search the desired item, press **UP** or **DOWN**.
	To select the desired item, press **RIGHT**.
	To search and then to select the desired item, press **UP** or **DOWN** then **RIGHT**.
	To move the cursor to the right or to the left, press **RIGHT** or **LEFT**.
➧	To go to the next step.
" "	The words in " " indicate the words in display.

Replacing the Batteries

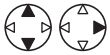
If the icon flashes after a few telephone calls even when the handset batteries have been fully charged, 2 batteries must be replaced.

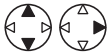
Charge new batteries for approximately 7 hours before initial use.
(The telephone line cord must not be connected to the telephone socket at this time.)

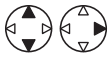
When replacing the batteries, ensure that the correct battery type is selected.

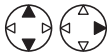
Selecting the Battery Type

1
Press **MENU**.

2 
Search/Select "SETTING HS".

3 
Search/Select "OTHER OPT".

4 
Search/Select "BATTERY TYPE".

5 
Search/Select "NI-CD" or "NI-MH".

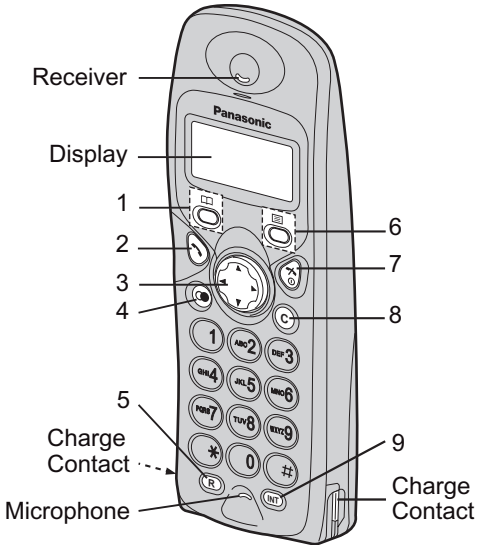
- To exit the operation, press any time.
- When Ni-Cd batteries are fitted with the "BATTERY TYPE" setting in "NI-MH", icon will disappear and stop charging even if the handset is on the cradle.
- Do not use non-rechargeable batteries. If non-rechargeable batteries are fitted and start charging, it may cause the leakage of the battery electrolyte.

Please use only Panasonic P03P(Ni-MH) or P03H(Ni-Cd) batteries.

TCD410NL_E.book Page 7 Thursday, March 20, 2003 5:55 PM

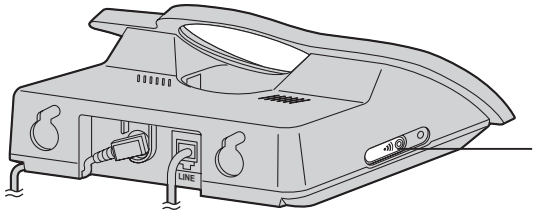
Location of Controls

Handset



1 - : **PHONEBOOK** Button
2 - **TALK** Button
3 - Navigator Key
4 - **REDIAL/PAUSE** Button
5 - **RECALL** Button
6 - : **MENU/OK** Button
7 - **OFF/POWER** Button
8 - **CLEAR** Button
9 - **INTERCOM** Button

Base unit



PAGE Button and Indicator

Handset Display

- Within range of a base unit
- Out of range/No registration /No power on base unit
- Paging or using the handset
- Making or answering calls
- Phonebook Mode
- In Setting Mode
- Battery strength is low.
- Battery strength is high.

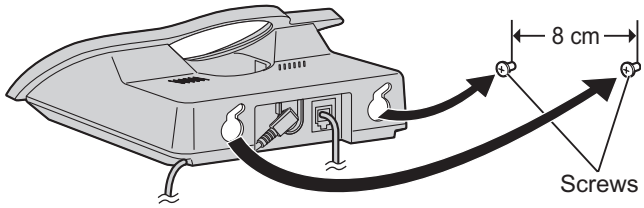
- Call BAR ON (p.21)
- Direct Call ON (p.22)
- Key Lock ON (p.23)
- Ringer Volume OFF (p.19)
- Dialling Pause (p.23)

Setting up

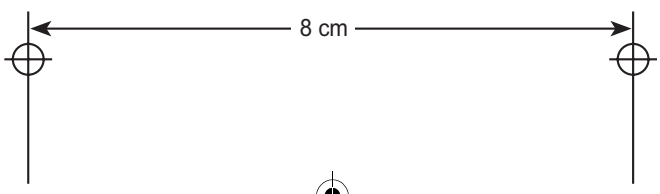
Wall Mounting

This unit can be mounted on a wall.

- Insert screws into the wall. The centre of the screw hole should be 8 cm horizontally apart.
- Connect the AC adaptor and the telephone line cord.
- Arrange the wires as shown, then mount the unit.



Wall Template



Power On/Off

Power on

Press for more than 1 second.*1

Power off

Press for more than 2 seconds.*2

*1 When button is released, the display changes to the standby mode.
*2 The display goes blank.

Making a Call

Pre-dialling

1 **Phone Number** *1 **2** Press **TALK**.

Post-dialling

1 Press **TALK**. **2** **Phone Number**

*1 If you need correction, press **CLEAR**. Digit is cleared to the left, then enter numbers.

Answering a Call

Press **TALK**. *1

Terminating a Call

(During a call) ➧ Press **OFF**.

- Each ringer will start ringing with lower volume then gradually increase the volume when receiving a call.

*1 You can also answer a call by pressing any dialling button, **INTERCOM**, # or *.

Setting the Clock/Date

After a mains power failure the clock needs to be reset. Ensure that icon is not flashing.

1 Press **MENU**. **2** Search/Select "SETTING BS". ➧ "INPUT CODE" **3** ➧ **Time** Enter time. 4-digit (24 hour clock) *1

4 Press **OK**. **5** Press **RIGHT**. ➧ "INPUT CODE" **6** twice ➧ **Date** Enter day, month then year. *2 **7** Press **OK**.

- To exit the operation, press any time.

*1 For example, to set 7:15, enter 0715.
*2 For example, to set the 16th of February, 2003, enter 160203.

Making Calls

Redialling

The last 10 numbers dialled are stored in the redial list automatically.

Dialling with the Redial List

1 Press **REDIAL**.*1
2 Search the desired dialled item.
3 Press **TALK**.

Dialling the Last Number Dialled

1 Press **TALK**.
2 Press **REDIAL**.

Editing the Dialled Number in the Redial List

1 Press **REDIAL**.*1
2 Search/Select the desired dialled item.
3 Search/Select "EDIT CALL NO". ➧ The 1st digit of the desired dialled number blinks.
4 Move cursor.
5 Press **CLEAR**.*2
AND/OR
Number Edit the phone number.*3
6 Press **TALK**.
OR
Press **OK** 3 times to store the number. ➧ If you need to store a name, go to **Name** on page 14 or press **OK**.

Clearing One/All Dialled Item(s) in the Redial List

1 Press **REDIAL**.*1
2 Search/Select the desired dialled item.
3 Search/Select "CLEAR" or "ALL CLEAR".
4 Search/Select "YES".

- To exit the operation, press ⏻ any time.

*1 If there is no item stored in the redial list, the display shows "NO ITEM".
*2 Digits are cleared to the left of the flashing digit.
*3 Digits are added to the left of the flashing digit. If you need to clear and/or add more than one number, repeat the steps from **4**.

Caller ID Service

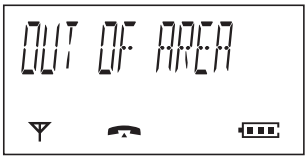
Caller ID is a service of your Network provider and will only operate if you have subscribed to this feature.
After subscribing to Caller ID, this phone will display the caller information.
If your unit is connected to a PBX or a telephone line that does not support this service, you will not be able to use it.
Caller ID does not display caller information while using the handset for an intercom call. However, the caller information will be stored to the Caller ID List.

Caller ID Display

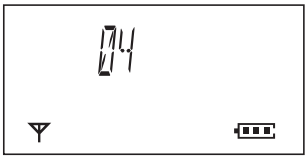
When receiving a call, the display shows its phone number.
For example, a caller whose phone number is 01234567890 has been received.

If you store a phone number with a name in the phonebook, the display shows caller's name when receiving a call.

If the caller has requested not to display his/ her information, the display shows "PRIVATE".



If the caller dialled from an area which does not provide Caller ID service, the display shows "OUT OF AREA".



When new calls have been received, the display shows the numbers of calls.
For example, 4 new calls have been received.

Caller ID

Caller ID List

Information up to 50 different callers is stored from the most recent call to the oldest call in the caller list. When the 51st call is received, the oldest caller information is cleared. If you receive a call from the same phone number you stored with a name in the phonebook, the display will show the caller's name.

Calling Back

1 Search the desired received item.*1

2 Press **TALK**.

Editing the Received Number in the Caller List

1 Search/Select the desired received item.*1

2 Search/Select "EDIT CALL NO".

The 1st digit of the desired received number blinks.

3 Move cursor.

4 Press **CLEAR**.*2

AND/OR

Number Edit the number.*3

5 Press **TALK**.

OR

Press **OK** 3 times to store the number.

If you need to store a name, go to **Name** on page 14 or press **OK**.

Clearing One/All Received Item(s) in the Caller List

1 Search/Select the desired received item.*1

2 Search/Select "CLEAR" or "ALL CLEAR".

3 Search/Select "YES".

- To exit the operation, press any time.

*1 If there is no item stored in the caller list, the display shows "NO ITEM". on the right edge of the display when searching the item in the caller list indicates that the item has been already shown previously.

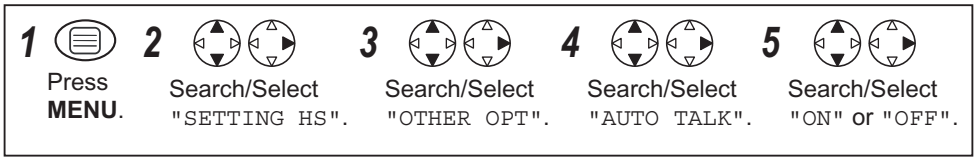
*2 Digits are cleared to the left of the flashing digit.

*3 Digits are added to the left of the flashing digit. If you need to clear and/or add more than one number, repeat the steps from **3**.

TCD410NL_E.book Page 13 Thursday, March 20, 2003 5:55 PM

Auto Talk

If you set Auto Talk to on, you can answer the phone by lifting the handset off the base unit.



- To exit the operation, press any time.

Temporary Bell Off

When an external call is incoming, you can temporarily turn off the handset ringer. This function will not work when the handset is on the base unit or if an internal call is incoming.

Receiver Volume

During a call, press **UP** or **DOWN** to change the volume setting to LOW (0), MEDIUM (00), HIGH (000).

Handset Locator/Paging

Using this feature, you can locate a misplaced handset by paging.

*1 You can also stop paging by pressing any dialling buttons, **INTERCOM**, # or ✳.

Phonebook

You can store up to 20 caller information in the phonebook. If you received a call from the same phone number you stored with a name in the phonebook, the display will show the caller's name.

Storing a Caller Information

1 Press **MENU**.

2 Select "NEW PHONE".

3 **Phone Number**
Enter phone number. (max. 24 digits)*1

4 Press **OK**.

5 **Name**
Enter name. (max. 9 characters)*1

6 Press **OK**.*2

- To exit the operation, press any time.

*1 If you need correction, press **RIGHT** or **LEFT** to move cursor then clear character by pressing **CLEAR**, and/or enter characters. Characters are cleared or added to the left of the flashing character. To enter characters, see Character Selection below.

*2 To continue storing another caller information, repeat the steps from **3**.

Character Selection

Keys	Number of times key is pressed								Keys	Number of times key is pressed				
	1	2	3	4	5	6	7	8		1	2	3	4	5
1	#	[	]	*	'	-	/	1	6	M	N	O	6	
2	A	B	C	2					7	P	Q	R	S	7
3	D	E	F	3					8	T	U	V	8	
4	G	H	I	4					9	W	X	Y	Z	9
5	J	K	L	5					0	Blank	0			

Character Table

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
Z	1	2	3	4	5	6	7	8	9	*	0	#	-	/	[	]	,							

TCD410NL_E.book Page 15 Thursday, March 20, 2003 5:55 PM

Editing a Caller Information

1 Press **PHONEBOOK**.*1 **2** Search/Select desired item. **3** Select "EDIT". ➧ The 1st digit of the desired phone number blinks.

<Phone Number>

4 Move cursor. **5** Press **CLEAR**.*2 **AND/OR** **Number** Edit the phone number.*3 **6** Press **OK**.

<Name>

7 Move cursor. **8** Press **CLEAR**.*2 **AND/OR** **Name** Edit the name.*4 **9** Press **OK**.

Clearing a Caller Information

1 Press **PHONEBOOK**.*1 **2** Search/Select desired item. **3** Search/Select "CLEAR". **4** Search/Select "YES".*5

Dialling with the Phonebook

1 Press **PHONEBOOK**.*1 **2** Search desired item. **3** Press **TALK**.

- To exit the operation, press ⏻ any time.

*1 If there is no item stored in the phonebook, the display shows "NO ITEM".
*2 Digits are cleared to the left of the flashing digit.
*3 Digits are added to the left of the flashing digit. If you need to clear or add more than one digit, repeat the steps from **4**.
*4 Characters are added to the left of the flashing character. If you need to clear or add more than one character, repeat the steps from **7**.
*5 To continue clearing another caller information, repeat the steps from **2**.

Phonebook

Storing the Phone Number into the Phonebook When Pre-dialling

1 **Phone Number** *1

2 Press **OK** to store the number.

3 Press **OK** twice.

4 **Name**
Enter name.*2

5 Press **OK**.

- To exit the operation, press any time.

*1 If you need correction, press **CLEAR**. Digit is cleared to the left, then enter numbers.
*2 To enter characters, see Character Selection on page 14.

Storing the Number from the Redial/Caller List into the Phonebook

1
Press **REDIAL**.*1 → Search/Select the desired dialled number.

OR

Search/Select the desired received number.*1

2 Search/Select "SAVE TEL NO".*2

3 Press **OK**.

4
If you need to store a name, go to **Name** on page 14.

OR

Press **OK**.

- To exit the operation, press any time.

*1 If there is no item stored in the redial/caller list, the display shows "NO ITEM".
*2 If you need correction, press **RIGHT** or **LEFT** to move cursor then clear a character by pressing **CLEAR**, and/or enter digits. Digits are cleared or added to the left of the flashing digit.

Hot Key

You can assign the dialling buttons 1 through 9 as hot keys. You can choose 9 phone numbers from the phonebook.

Registering a Phone Number as a Hot Key

1 Press **PHONEBOOK**.*1

2 Search/Select desired item.

3 Search/Select "HOT KEY REG".

4 Search/Select desired dialling button number.*2

5 Search/Select "YES".

Dialling with Hot Key

1 Press and hold the dialling button registered as a hot key.

2 Press **TALK**.

Clearing the Hot Key Registration

1 Press and hold the dialling button registered as a hot key.

2 Press **RIGHT**.

3 Select "CLEAR".

4 Search/Select "YES".*3

- To exit the operation, press any time.

*1 If there is no item stored in the phonebook, the display shows "NO ITEM".
*2 The number is flashing if the dialling button is already assigned as a hot key.
*3 Phonebook registration will be remained even hot key registration is cleared.

Handset Settings

TIME ALARM : Time Alarm

Before programming, please follow steps 1 to 3.

You must set the clock before setting the time alarm.

1 Press **MENU**.
2 Search/Select "SETTING HS".
3 Search/Select "TIME ALARM".

Setting Alarm Time

4 Search/Select "SET TIME".
5 **Time** Enter time. 4-digit (24 hour clock).
6 Press **OK**.
7 Search/Select "OFF", "ONCE" or "REPEAT DAILY".

Setting Time Alarm On/Off

4 Search/Select "SET ALARM".
5 Search/Select "OFF", "ONCE" or "REPEAT DAILY".

- To exit the operation, press ⏻ any time.

To stop time alarm: Time alarm will sound for 3 minutes. When the alarm sounds, press any dialling buttons or key. Alarm stops and display returns to the standby mode.
If "ONCE" is selected, the setting is turned off. When in talk or intercom mode, the alarm will not sound until the call is ended.

RINGER OPT : Ringer Option

Before programming, please follow steps 1 to 3.

1 Press **MENU**. **2** Search/Select "SETTING HS". **3** Search/Select "RINGER OPT".

Setting the Ringer Volume

The choices are 6 levels and off.

4 Search/Select "RINGER VOL". **5** Search/Select desired ringer volume.

- If "RINGER OFF" is selected, -Ø- is displayed.

Setting the Ringer Pattern for External Call/Internal Call/Paging/Alarm

There are 20 patterns available on each ringer.

4 Search/Select "EXT RINGER", "INT RINGER", "PAGING" or "ALARM". **5** Search/Select desired ringer pattern.*1

- To exit the operation, press any time.
- Each ringer will start ringing with lower volume then gradually increase the volume when receiving a call.

*1 If you select one of the melody ringer patterns, it keeps ringing for 10 seconds even if a caller hangs up a call. Therefore, you may hear dial tone or no one there after you answer a call.

Handset Settings

TONE OPT : Tone Option

You can set the following sounds on or off.
Key Tone: Key tone will sound when you press any key, and a confirmation tone and an error tone will be heard during operation.
Call Waiting Tone: Call waiting tone will sound when an incoming external call is received during an intercom call.
Range Warning Alarm: Alarm will sound when you move out of range of a base unit.
Battery Low Alarm: Alarm will sound when the batteries need to be charged.

1 Press **MENU**.
2 Search/Select "SETTING HS".
3 Search/Select "TONE OPT".
4 Search/Select "KEY TONE", "CALL WAITING", "RANGE ALARM" or "BATTERY LOW".
5 Search/Select "ON" or "OFF".

- To exit the operation, press any time.

DISPLAY OPT : Display Option

Selecting the Standby Mode Display

1 Press **MENU**.
2 Search/Select "SETTING HS".
3 Search/Select "DISPLAY OPT".
4 Search/Select "STANDBY MODE".
5 Search/Select "CLOCK",*1 "OFF", "BS NO"(Base unit number) or "HS NO"(Handset number).

- To exit the operation, press any time.

*1 Time will only be displayed if the clock has been set. When new calls have been received, the display shows the number of new call.

Before programming, please follow steps 1 to 3.

1 Press **MENU**. **2** Search/Select "SETTING HS". **3** Search/Select "DISPLAY OPT".

Selecting the Talk Mode Display

Even if you select "PHONE NO", the other party's phone number will not appear on your display when you receive calls without subscribing to a Caller ID service.

4 Search/Select "TALK MODE". **5** Search/Select "TALK TIME"(Length of the call) or "PHONE NO"(Phone number).

Selecting the Display Language

4 Search/Select "LANGUAGE". **5** Search/Select desired language.*1

- To exit the operation, press any time.

*1 You can select one of 10 languages. If you set a language you cannot read, reset the handset to its initial settings.
Press **MENU** ➧ **DOWN** ➧ **RIGHT** ➧ **UP** ➧ **RIGHT** ➧ **4-digit Handset PIN** ➧ **UP** ➧ **OK**
All handset setting will be reset to their initial settings (p.28), however, the Phonebook data will be saved.

CALL OPT : Call Option

Call BAR On/Off

This allows you to make an emergency and internal call.

1 Press **MENU**. **2** Search/Select "SETTING HS". **3** Search/Select "CALL OPT". **4** Search/Select "CALL BAR".

5 **4-digit Handset PIN***1 **6** Search/Select "ON" or "OFF".*2

- To exit the operation, press any time.

*1 The factory preset is 0000.

*2 If "ON" is selected, ·· ! ·· is displayed.

Handset Settings

Before programming, please follow steps 1 to 3.

1 Press **MENU**. **2** Search/Select "SETTING HS". **3** Search/Select "CALL OPT".

Setting the Direct Call Number

After a direct call number has been set and on, you can dial the direct call number only by pressing **TALK**. Incoming calls are accepted.

4 Search/Select "DIRECT NO". **5** **Phone Number** Enter the direct call number. (max. 24 digits) **6** Press **OK** 3 times.

Setting the Direct Call On/Off

4 Search/Select "SET DIRECT". **5** Search/Select "ON" or "OFF". *1

- To exit the operation, press any time.

*1 If "ON" is selected, is displayed.

OTHER OPT : Other Options

Changing Handset PIN

The factory preset is 0000. **Once you have programmed the handset PIN, you cannot confirm it. We recommend you write down the handset PIN. If you forget it, please consult your nearest Panasonic Service Centre. 070-3314500**

1 Press **MENU**. **2** Search/Select "SETTING HS". **3** Search/Select "OTHER OPT". **4** Search/Select "HSPIN CHANGE".

5 **Current 4-digit Handset PIN** **6** **New 4-digit Handset PIN***1

7 **New 4-digit Handset PIN again to verify**

- To exit the operation, press any time.

*1 The factory preset is 0000.

Key Lock

You can lock the handset dialling buttons. Only incoming calls are accepted while the key lock is on. The key lock is cancelled if the handset is turned off.
When the key lock is on, emergency calls cannot be made until key lock is cancelled.

Key Lock On	Key Lock Off
Press **OK** for more than 2 seconds.	Press **OK** for more than 2 seconds.

- is displayed and all dialling buttons are locked.

Recall Feature

RECALL is used to access special telephone services. Contact your Network provider for details. If your unit is connected to a PBX, pressing **RECALL** allows you to access some features of your host PBX such as transferring an extension call.

Dialling Pause (for PBX line/long distance service users)

A dialling pause is used when a pause in the dialling of the phone number is necessary using a PBX or accessing a long distance service.
For example, when 9 (line access number) is dialled followed by a pause to access an outside line through a PBX:

1	2	3	4
9	Press **PAUSE**. *1	**Phone Number**	Press **TALK**.

- Entering a pause prevents misdialling when you redial or dial a stored number.
- Pressing **PAUSE** once creates one pause. To extend the pause requirement time, press **PAUSE** accordingly.

*1 is displayed on the LCD.

Base Unit Settings

Before programming, please follow steps 1 to 2.

1 Press **MENU**. **2** Search/Select "SETTING BS". ➧ "INPUT CODE"

Changing Base Unit PIN

The factory preset is 0000. **Once you have programmed the base unit PIN, you cannot confirm it. We recommend you write down the base unit PIN. If you forget it, please consult your nearest Panasonic Service Centre. 070-3314500**

3 5 **4 Current 4-digit Base Unit PIN** **5 New 4-digit Base Unit PIN**

6 New 4-digit Base Unit PIN again to verify

Call Restriction

You can restrict selected handset(s) from dialling selected phone numbers. You can assign up to 10 call restriction numbers (up to 8 digits). If you dial a restricted number, the call does not connect and restricted number flashes.

3 6 **4 4-digit Base Unit PIN***1 **5 Handset Number** Select desired handset.*2 **6** Press **RIGHT**.

7 Phone Number Enter phone number to be restricted. (up to 8 digits) **8** Press **RIGHT**. **9** Press **OFF**.

OR

To continue entering call restriction numbers, repeat the steps **7** to **8**. (up to 10 numbers)

Cancelling Call Restricted Handset(s)

3 6 **4 4-digit Base Unit PIN***1 **5 Handset Number** Select desired handset.*3 **6** Press **RIGHT**. **7** Press **OFF**.

- To exit the operation, press any time.

*1 The factory preset is 0000.
*2 The selected handset number flashes.
*3 The selected handset(s) will stop flashing.

Base Unit Settings

Before programming, please follow steps 1 to 2.

1 Press **MENU**. **2** Search/Select "SETTING BS". ➧ "INPUT CODE"

Cancelling Call Restricted Number

3 **6** **4** **4-digit Base Unit PIN***1 **5** Press **RIGHT** repeatedly until desired call restriction number is displayed. **6** Press **CLEAR**.

7 Press **RIGHT**. **8** **<to continue>** Repeat the steps **5** to **7**. **OR** **<to finish>** Press **OFF**.

Select Flash Timing

You can change the duration of the flash timing depending on the requirements of your network provider or PBX.

3 **3** **4** **4-digit Base Unit PIN***1 **5** **2** **6** **1** **7** **1** 700msec **OR** **2** 110msec **8** Press **OK**.

Pause Timing

You can set the pause timing to 3 or 5 seconds, depending on your PBX requirements.

3 **3** **4** **4-digit Base Unit PIN***1 **5** **3** **6** **1** 3 Seconds **OR** **2** 5 Seconds **7** Press **OK**.

- To exit the operation, press any time.
- The factory preset is in shade.

*1 The factory preset is 0000.

Base Unit Settings

Before programming, please follow steps 1 to 2.

1 Press **MENU**. **2** Search/Select "SETTING BS". ➧ "INPUT CODE"

Automatic Route Selection

Automatic Route Selection is a feature which selects the least expensive carrier (network) service available, when making long distance calls.
When area code(s) have been related to carrier codes, you will need only dial the area code, the lower costing carrier (network) will automatically be dialled.
Please contact your telephone company regarding the carrier telephone charges.

Storing the Carrier Code(s)

Firstly you must subscribe to a second carrier (network) service. Then store the code as follows:

3 9 **4** **4-digit Base Unit PIN***1 **5** 1 **6** 1 On ➧ **2nd Carrier Code** Enter the carrier code. (max. 7 digits) **7** Press **OK**.

Storing the Area Code(s)/Country Code

Store the area code(s) for which the chosen carrier (network) service charge rates are lower than the original carrier (network) service. Up to 25 area codes can be stored.
If you do not store any area codes, all phone numbers will be dialled with the second carrier code.

3 9 **4** **4-digit Base Unit PIN***1 **5** 2 **6** **Area Code** (max. 5 digits) **7** Press **OK**.*2 **8** Press **OK**.

- To exit the operation, press ⏻ any time.

*1 The factory preset is 0000.
*2 If you need more area code storing, repeat the steps from **6**.

Base Unit Settings

Before programming, please follow steps 1 to 2.

1 (MENU) **2** (Search/Select) ➧ "INPUT CODE"

Press **MENU**. Search/Select "SETTING BS".

International Carrier Services

Automatic Route Selection (ARS) is also used for international calls.
After subscribing to a second international carrier service, store the second international carrier code.
For certain countries, the second international carrier services cost more than the first carrier service.
Store “00 (internal code)” and then country codes (up to 25 codes) instead of area codes.
If you have stored a phone number beginning with “00 ” in the speed dial memory and you use a second carrier service which does not require “00 ”, turn the delete mode ON.

To Turn the International Code “00” Delete Mode ON/OFF

Some international carrier services do not require “00” before the country code.
In this case turn the delete mode ON. “oo” will automatically be deleted when dialling.The factory preset is OFF.

3 9 **4** **4-digit Base Unit PIN***1 **5** 3 **6** 1 On **OR** 0 Off **7** (OK) Press **OK**.

Automatic Route Selection On/Off

3 9 **4** **4-digit Base Unit PIN***1 **5** 1 **6** 1 On **OR** 0 Off **7** (OK) Press **OK**.

- To exit the operation, press (C) any time.

*1 The factory preset is 0000.

Initial Settings

RESET HS : Reset Handset

You can reset all of the handset settings to their initial settings.

1 Press **MENU**.
2 Search/Select "SETTING HS".
3 Search/Select "RESET HS".
4 **4-digit Handset PIN***1
5 Search/Select "YES" or "NO".

- To exit the operation, press any time.

*1 The factory preset is 0000.

Handset Initial Settings

Function	Initial Setting
Time Alarm Mode	OFF
Alarm Time	Clear
Handset Ringer Volume	6
Handset External Ringer Pattern	1
Handset Internal Ringer Pattern	1
Handset Paging Tone Pattern	1
Handset Alarm Tone Pattern	1
Key Tone	ON
Call Waiting Tone	ON
Range Warning Alarm	OFF
Battery Low Alarm	ON
Standby Mode Display	Clock
Talk Mode Display	Length of the Call
Display Language	Dutch
Call BAR	OFF
Direct Call Mode	OFF
Direct Call Number	Clear
4-Digit Handset PIN	0000
Auto Talk	OFF
Base Unit Access	Automatic Base Unit Access
Redial Memory	All Clear
Handset Receiver Volume	Medium

TCD410NL_E.book Page 29 Thursday, March 20, 2003 5:55 PM

Reset Base Unit Settings

If the base unit is reset, the Caller ID list will clear.

1 Press **MENU**. **2** Search/Select "SETTING BS". ➧ "INPUT CODE" **3** 0

4 **4-digit Base Unit PIN***1 **5** Press **OK**.

- To exit the operation, press ⏻ any time.

*1 The factory preset is 0000.

Base Unit Initial Settings

Function	Initial Setting
Ringer Mode	All Handsets
Number of Rings	3
Flash Timing	110 msec
Pause Timing	3 seconds
Call Restricted Handsets	All Clear
Call Restriction Numbers	All Clear
4-Digit Base Unit PIN	0000
ARS Setting	OFF
Carrier Code	All Clear
Area Code	All Clear
International Code “00”	OFF

Multi-unit User Operation

REGISTRATION: Handset Registration to a Base Unit

Handset Registration

The handset supplied with the base unit is already registered. If an optional handset is purchased, it must be registered. Additional **KX-A142EX** handsets are available to purchase separately. Up to 6 handsets can be registered to a single base unit. Using additional handsets allows you to have an intercom call while simultaneously conducting a call to an outside line.

Handset must be registered within 1 minute after pressing **PAGE** button. If over 1 minute, press (CLEAR) then start over again.

Charge the optional handset batteries for 7 hours before initial use.

1 (MENU) Press **MENU**.

2 (▲▼) Search/Select "SETTING HS".

3 (▲▼) Search/Select "REGISTRATION". ➧ "REGISTER HS"

4 (▶) Press **RIGHT**.

5 **Press and hold (PAGE) on the Base Unit (for about 10 seconds) until the green indicator flashes.**
- If all registered handsets start ringing (Paging), press (PAGE) to stop paging then start over again.

6 (▲▼) Search/Select desired base unit number available to register the handset.

7 **4-digit Base Unit PIN after "BS PIN" is displayed.***1

8 (MENU) Press **OK**. ➧ When a handset is registered successfully, a confirmation tone sounds and "Y" icon lights.

- To exit the operation, press (CLEAR) any time.

*1 The factory preset is 0000.

KX-A142EX Handset: You can see the illustrations for answering system feature on additional KX-A142EX handset body, but KX-TCD410NL does not have an answering system feature. Therefore, the answering system does not work even if KX-A142EX handset has been registered to KX-TCD410NL.

Multi-unit User Operation

Cancelling a Base Unit

You can cancel any base unit that your handset is registered to.

1 Press **MENU**.
2 Search/Select "SETTING HS".
3 Search/Select "REGISTRATION".
4 Search/Select "CANCEL BS".
5 **4-digit Handset PIN***1
6 Search/Select desired base unit number to cancel.*2
7 Press **RIGHT**.
8 Search/Select "YES"or"NO".

Cancelling a Handset

Each handset can cancel itself or another handset.

1 Press **MENU**.
2 Search/Select "SETTING BS". ➧ "INPUT CODE"
3 7
4 **4-digit Base Unit PIN***1
5 **Handset Number** Select desired handset.*3
6 Press **OK**. ➧ Please wait until "SETTING BS" is displayed.

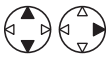
- To exit the operation, press C any time.

*1 The factory preset is 0000.
*2 The selected base unit number flashes.
*3 The selected handset number flashes.

Multi-unit User Operation

Before programming, please follow steps 1 to 4.

1 Press **MENU**.

2  Search/Select "SETTING BS".

➧ "INPUT CODE"

3 (1)

4 **4-digit Base Unit PIN***1

Ringer Mode Selection;
Setting the All Handsets Mode

5 (1)
"All handsets" mode.

6 Press **OK**.

Setting the Selected Handsets Mode

5 (2)
"Selected handsets" mode.

6 **Handset Numbers***2
Press desired handset numbers.

7 Press **OK**.

Setting the Selected then All Handsets Mode

The specific handset(s) will ring for a selected number of rings.
If not answered, all handsets will ring.

5 (3)
"Selected then all handsets" mode.

6 **Handset Numbers***2
Press desired handset numbers.

7 Press **RIGHT**.

8 **Number of Rings***3
Select how many times it rings. (up to 6 rings)

9 Press **OK**.

- To exit the operation, press any time.
- The factory preset is in shade.

*1 The factory preset is 0000.
*2 The selected handset number flashes.
*3 Press dialling button 1 through 6 to enter the number of rings.

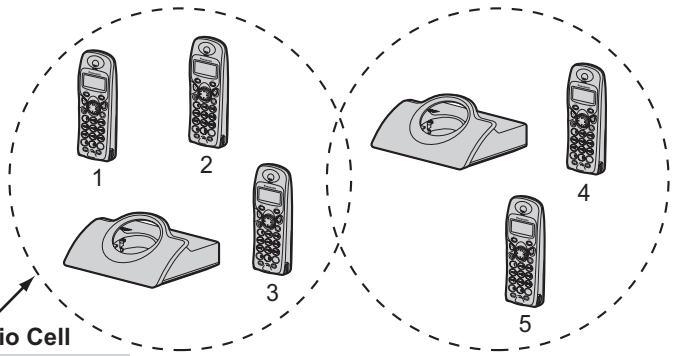
◆◆ SELECT BS : Base Unit Selection

When Automatic Base Unit Access is selected, if you move outside of the radio range of the current base unit the handset automatically searches for other registered bases. When a specified base unit is selected, the handset will access that base unit only. Calls (both incoming and outgoing) can be conducted only via the selected base unit, even if the radio cells overlap with neighbouring base units.

1	2	3	4
Press **MENU**.	Search/Select "SETTING HS".	Search/Select "SELECT BS".	Search/Select "AUTO" or specific base unit number.

- To exit the operation, press ⏻ any time.

Operating Additional Base Units: You can register and operate your handset with up to 4 base units. Each base unit forms 1 radio cell. If the individual bases are linked to the same telephone line then you can extend the operating range of the system by positioning the bases so that the two radio cells overlap. If the handset is set to AUTO base selection, then in standby mode the handset will automatically swap to the second base if the range on the first base is exceeded. It is not possible to transfer calls between bases (only between handsets linked to the same base unit).



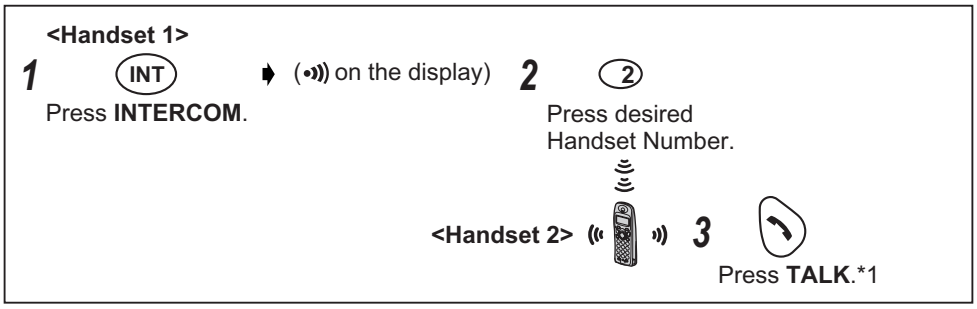
Eg. Additional handsets (KX-A142EX) registered with 2 base units.

Note: Calls are disconnected when the handset moves from one radio cell to another.

Intercom

Intercom between Handsets

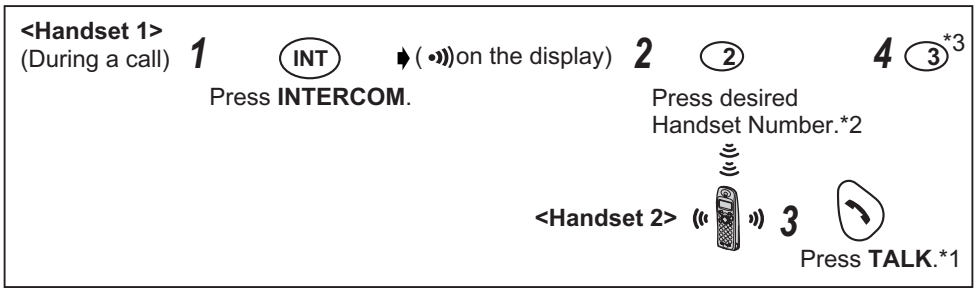
You can use your handsets as a 2-way intercom.
For example, when Handset 1 calls Handset 2. To hang up, press .



- Intercom calls can be conducted within the radio cell of the current base unit, but not with units in neighbouring radio areas.

Transferring a Call to Another Handset/Conference Call

Intercom can be used during a call to transfer an external call between handsets that are registered to the same base unit. For example, when handset 1 transfers a call to Handset 2. To hang up, press .



*1 You can also press any dialling button, **INTERCOM**, # or *.

*2 If you press after pressing desired handset number, a call can be transferred to another handset without speaking to another handset.
If the transferred call is not answered within 30 seconds, Handset 1 will ring again.

*3 When Handset 2 answers a call transferred, press to complete a call transfer or press dialling button 3 to establish the conference call.

TCD410NL_E.book Page 35 Thursday, March 20, 2003 5:55 PM

Before Requesting Help

If you experience any problems with the normal use of your apparatus, you should unplug it from the telephone outlet and connect a known working telephone in its place. If the known working telephone still has problems, then please contact the customer service department of your Network provider.
If it operates correctly, then the problem is likely to be a fault in your apparatus.
In this case, contact your supplier for advice. Your Network provider may charge you if they attend a service call that is not due to apparatus supplied by them.

Turn the power OFF then ON (Handset) / Disconnect then connect the AC adaptor (Base unit)

Problem	Possible cause	Solution
NO LCD display in handset.	• Handset not turned on.	• Turn on power (p.9).
Handset will not turn on.	• Batteries not inserted. • Batteries not charged.	• Insert the 2 rechargeable batteries supplied (p.4). • Place handset in base and connect AC adaptor to base and AC outlet (full charge period 7 hrs).
Batteries charge icon not counting up.	• Dirty charge contact. • Base not powered up.	• Clean charge / battery contact and retry charge. • Connect AC adaptor to base unit and AC outlet.
Y icon flashes.	• Handset not registered to base. • Handset out of range of base. • No power into base unit.	• Register handset to base. • Move handset closer to base. • Connect AC adaptor to base unit and AC outlet.
Handset busy tone heard when ( ) is pressed.	• Handset out of range of base. • Another handset in use.	• Move handset closer to base. • Wait for the other user to complete call.
No dial tone.	• Telephone line not connected.	• Insert telephone cord to network. • Turn power OFF then ON.
Cannot dial out.	• Call BAR set. • Particular dialled number is restricted. • Key lock mode ON.	• Turn feature off. • Remove number from call restricted list. • Turn key lock OFF.

Before Requesting Help

Problem	Possible cause	Solution
Handset will not ring.	• Ringer switched off.	• Set ringer to one of 6 volume levels. (see "Handset Settings".)
Last number redial does not work.	• Number exceeded 24 digits.	• Redial manually.
No Caller ID number displayed.	• Service not supplied. • Caller has withheld info.	• Caller ID service must be arranged with Network provider.
icon flashes	• Battery low.	• Recharge batteries.
icon is disappeared.	• Wrong battery type selected.	• Set the correct battery type.
Cannot register handset to base.	• Max. number of bases already registered to handset.	• Delete unused base registrations from handset.
	• Max. number of handsets already registered to base unit.	• Delete unused handset registrations from base.
	• Wrong PIN number entered (Default 0000).	• If PIN number is lost, contact the Panasonic Service Centre.
	• Electrical noise in local area.	• Move base/handset away from sources of electrical noise (e.g TV, radio).

TCD410NL_E.book Page 37 Thursday, March 20, 2003 5:55 PM

Specifications:

Standard:	DECT=(Digital Enhanced Cordless Telecommunications) GAP=(Generic Access Profile)
Number of channels:	120 Duplex Channels
Frequency range:	1.88 GHz to 1.9 GHz
Duplex procedure:	TDMA (Time Division Multiple Access)
Channel spacing:	1728 kHz
Bit rate:	1152 kbit/s
Modulation:	GFSK
RF Transmission Power:	approx. 250 mW
Voice coding:	ADPCM 32 kbit/s
Power source:	AC Adaptor 220 - 240 V, 50 Hz
Power consumption, base unit:	5 VA
Operating conditions:	5 - 40 °C, 20 - 80 % relative air humidity (dry)
Dimensions, Base Unit:	About (58 mm x 128 mm x 105 mm) x 170 g
Dimensions, Handset:	About (143 mm x 48 mm x 32 mm) x 120 g

- Specifications are subject to change.
- The illustrations used in this manual may differ slightly from the original device.

Connections:
The unit will not work during a power failure. We recommend you connect a standard telephone on the same line for power protection.

Panasonic	Dealerstempel
GARANTIEBEWIJS Zorgvuldig door koper te bewaren tezamen met gedateerde koopbon	Type no.
	Serie no.
	Datum aankoop

Onze producten zijn met uiterste zorg geproduceerd en van zeer hoge kwaliteit. Wij garanderen de ongestoorde werking van het apparaat gedurende één jaar na aankoopdatum, mits het apparaat werd gebruikt zoals in de handleiding is aangegeven.
Op verbruiksmaterialen,op accu's of batterijen en op beschermingsmiddelen wordt géén garantie verleend.
De garantie vervalt indien er door anderen wijzigingen zijn aangebracht in of aan het apparaat of indien het defect is ontstaan door ondeugdelijke ver-bruiksmaterialen of accessoires of ten gevolge van invoeden van buiten af.
Garantie wordt uitsluitend verleend aan de hand van dit originele garantiebewijs en de gedateerde aankoopbon.

Afwijkende bepalingen

1. Voor V.P.S.projectiebuizen, (thermische)printerkoppen, fotokopieerapparatuur en elektronische whiteboards geldt een garantieperiode van 6 maanden op material en arbeidsloon.
2. Voor reparatie aan telefoonapparatuur, telefooncentrales, professionele magnetronovens, fotokopieerapparatuur, elektronische whiteboards, facsimileapparatuur en laserbeamprinters dient u altijd eerst uw dealer te raadplegen.
3. Voor mobiele service aan videoprojectie systemen, professionele magnetronovens, elektronische whiteboards,en fotokopieerapparatuur, worden na 3 maanden na aankoopdatum van het apparaat voorijkosten berekend.
4. Voor magnetronbuizen geldt een garantieperiode can 2 jaar op het materiaal en van 12 maanden op het arbeidsloon.
5. Het reinigen van videokoppen valt niet onder garantie. Raadpleeg altijd uw gebruiksaanwijzingen of uw dealer.
6. De volgende onderdelen vallen buiten garantie: snoeren, fluorescentiebuizen, stofkappen, glasplaten, keramiekplaten en antennes.
7. a)Voor videokoppen geldt een garantieperiode van 3 maanden of (indien eerder)500 uur.
   b)Voor videokoppen van het DVCPRO systeem geldt een garantieperiode van 12 maanden of (indien eerder)1000 uur.
8. Voor de bronlamp van de LCD videoprojectoren geldt een garantieperiode van 30 dagen resp.tot 500 uur.
9. De software updates van de professionele non-lineaire videomontage systemen vallen buiten deze garantiebepalingen.

Voor reparatie van apparatuur in Nederland,dient de apparatuur franco verzonden te worden aan:

PANASONIC-CENTRE NEDERLAND (Servicom b.v.),
Zonweg 60,2516 BM DEN HAAG
tel.:070 -3314500,fax.:070 -3477185

TCD410NL_E.book Page 39 Thursday, March 20, 2003 5:55 PM

Index

AC Adaptor 2, 4
Accessories 2
Answering Calls 13
Auto Talk 13
Automatic Route Selection
Area Code(s)/Country Code 26
International Carrier Services 27
On/Off 27

Base Unit
Initial Settings 29
PIN 24
Reset 29
Selection 33
Battery
Caution 3
Charge 5
Installation 4
Life 5
Battery Low Alarm 20

Call Restriction
Cancelling Call Restricted Handset(s) 24
Cancelling Call Restricted Number ... 25
Caller ID List
Calling Back 12
Clearing 12
Editing 12
Storing 16
Calls
Answering 9
Making 9, 10
Redialling 10
Terminating 9
Cancelling a Base Unit 31
Cancelling a Handset 31
Clock/Date 9
Conference Call 34

Dialling Pause 23
Direct Call Number 22
Display
Standby Mode 20
Talk Mode 21

Handset
Display 7
Initial Settings 28
Locator 13
Paging 13
PIN 22
Registration 30
Reset 28
Ringer 19

Intercom 34

Key
Lock 23
Tone 20

Making Calls
Redialling 10
with the Phonebook 15

Phonebook
Hot Key 17
Storing 14
Power On/Off 9

Range Warning Alarm 20
Recall 23
Receiver Volume 13
Ringer Pattern 19
Ringer Volume 19

Select Flash Timing 25
Setting up 4
Specifications 37

Time Alarm 18
Tone Option 20

Wall Mounting 8

Hereby, Panasonic Communications Co., Ltd., declares that this Dect Cordless Telephone is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

A copy of the manufacturer's declaration of conformity to the essential requirements of the R&TTE Directive is available at the following
web address: http://doc.panasonic-tc.de

For your future reference

Serial No. Date of purchase

(found on the bottom of the unit)

Name and address of dealer

Customer Care Helpline Tel. No.: 070-3314500

CE0436

1999/5/EC
Technical specifications are subject to change.

Panasonic Service Centre
Zonweg 60
2516 BM Den Haag
telnr. 070 - 3314 500
faxnr. 070 - 3314 381
E-mail: info@pcn.panasonic.nl

Verkoopafdeling:
HAAGTECHNO BV
POSTBUS 236 5201 AE DEN BOSCH
Tel: 073-6402579
Fax: 073-6415200

Panasonic Communications Co., Ltd.
1-62, 4-chome, Minoshima, Hakata-ku, Fukuoka 812-8531, Japan

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400,410NL_e_leaflet.fm Page 1 Tuesday, June 3, 2003 7:21 PM

Panasonic

KX-TCD410NL
KX-TCD400NL

NOTE

Please note the following in the Operating Instructions.

Page	Original	Revision
26 (KX-TCD410NL) 23 (KX-TCD400NL)	**Storing the Area Code(s)/ Country Code** Store the area code(s) for which the chosen carrier (network) service charge rates are **lower** than the original carrier (network) service.	**Storing the Area Code(s)/ Country Code** Store the area code(s) for which the chosen carrier (network) service charge rates are **higher** than the original carrier (network) service.

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